

High Quality, Rugged Military Display

Developed primarily for applications where operator viewability is critical. The 29LMV Series of LCD monitors have been designed to comply with military specifications to make it suitable for use within vehicles and areas where shock and vibration are key criteria.

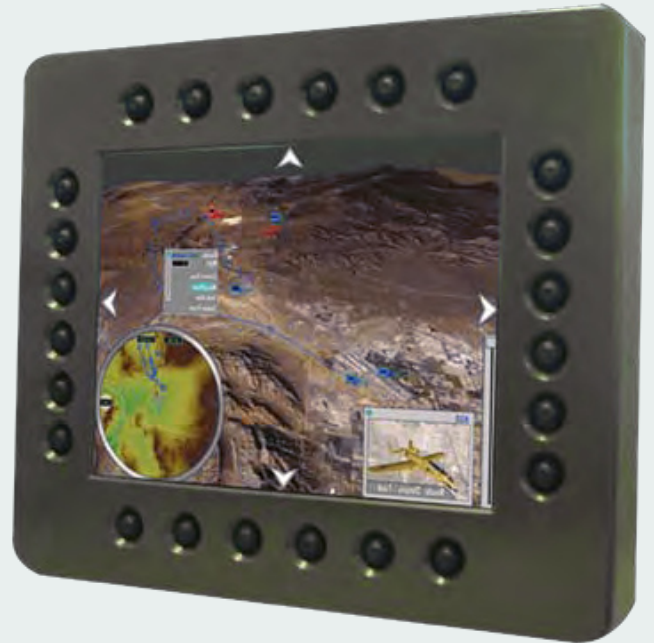
The LCD monitor module is housed in a rugged, painted aluminium metal case and is mounted through rear fixing points. EMC considerations include the use of extensive shielding.

The DC monitor has been designed to accept a wide range of signal timings from VGA to XGA, and set-up controls for fine-tuning of the display are located at the rear of the monitor. Once set, no further adjustments should be required and the last setting is stored in memory.

Features

- Helioview™ transreflective panel for sunlight readability
- XGA / SVGA / VGA compatible
- Designed to comply with military specifications
- Resistive touchscreen
- Deep dimming for dark environment operation
- Mounting using 6 x M5 bushes, 10mm depth
- IP67 sealed
- Multiple user - assignable buttons: RS422
- Colour: BS381/285 Nato Green, smooth eggshell

8.4" LCD Heads for use in Military Vehicles 29LMV084DR32MPT



Specifications: see next page

Display Specifications	
Type	a-Si TFT
Max. Resolution	800 x 600 pixels
Active Display Area	170.4 x 127.8mm
Brightness	650cd/m ² typical
Backlight	CCFL x 2
Backlight life	50,000 hrs typical
Transflective	Helioview™ 1500cd/m ² equivalent in direct sunlight
Contrast Ratio	600:1 typical
Viewing angles (at CR>10)	160°H, 140°V
Nr. of colours	16.7M
Response Time	12ms
Signal Inputs	
Video	Data
Input Connectors	MIL-Spec
Interface	LVDS
Multiscan Support	1024 x 768 XGA, 800 x 600 SVGA, 640 x 480 VGA
Horizontal Scan	31 - 60kHz
Vertical Scan	50 - 70Hz
Clock Rate	80MHz max
Controls	Brightness, OSD
Touchscreen	Resistive / RS422
Power Inputs	
DC Model	18 - 36V DC
Power Consumption	28W (normal operation 15-20W) 50W to raise from -40°C
Physical / Environmental	
Dimensions (approx)	315 x 255 x 50mm
Weight (approx)	2kg
Operating Temperature:	-40 to 60°C
Storage Temperature	-40 to 70°C
Approvals	
Designed to comply	MIL-STD-810F MIL-STD-1275-B MIL-STD-461E CE
Part numbers	
Model	29LMV084DR32MPT

Specifications are subject to change without notice.

• Monitors

Desktop Monitors
Large screen Monitors
Custom-made Monitors
19" Rack Mount Monitors
Rear Mount Monitors
Monitors for Panel Mount
Monitors for VESA Mount
Kiosks
Accessories

• Monitors – Specific applications

Stainless Steel Monitors
Car Displays
Marine Monitors
Military Monitors
Replacement Monitors
Train Monitors

• Panel PC's

High Performance Systems
Custom made Panel PC's
Low Power Systems
Extreme environments

• Pointing devices

Accessories
Touchpads
Trackballs
Trackball Modules
Joysticks
Custom made Pointing Devices

• Keyboards

Desktop Keyboards with or without pointer
Built-in Keyboards with or without pointer
Cables & Connectors
Custom made Keyboards



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